

## [Features]

- **ColorXcell**<sup>\*1</sup>
- High contrast(800:1)
- 16.77M/262K colors (LVDS RGB 8-bit/6-bit)
- Wide temperature(-30°C to +80°C)
- Reversible-scan direction
- Long-life LED backlight built-in LED driver<sup>\*2</sup>



Pixel	800(H) x 600(V)
Display area	170.4(H) x 127.8(V)mm 8.4 inches (21cm)
Display color	16,777,216 colors/ 262,144 colors
Pixel pitch	0.213(H) x 0.213(V)mm
Luminance	400cd/m <sup>2</sup> (typ.)
Contrast ratio	800:1 (typ.)
Viewing angle <sup>*3</sup>	Up: 80°,Down: 80°,Left: 80°,Right: 80°
Response time <sup>*4</sup>	18ms (typ.)
Signal system	LVDS 1-port RGB 8-bit/6-bit
Power supply voltage	LCD signal processing board:3.3V, LED driver:12.0V
Power consumption	3.3 W (typ.)
Operating temperature	-30°C to +80°C
Storage temperature	-30°C to +80°C
Polarizer surface	Antiglare
Module size	200.0 (typ.) x 152.0 (typ.) x 8.7 (max.) mm
Weight	260g (typ.)
Backlight	LED backlight(Replaceable)
LED driver	Built in

\*1: ColorXcell Technology (Color Enhancement)

\*2: 100k hours long life LED

\*3: Contrast ratio ≥ 10:1

\*4: Ton+Toff (10%←→90%)

\*All information is subject to change without notice.

\*Screen images are simulated.

<Tianma Japan web site>

Japanese <https://www.tianma.co.jp/jp>

English <https://www.tianma.co.jp/en>